



FIG. 1

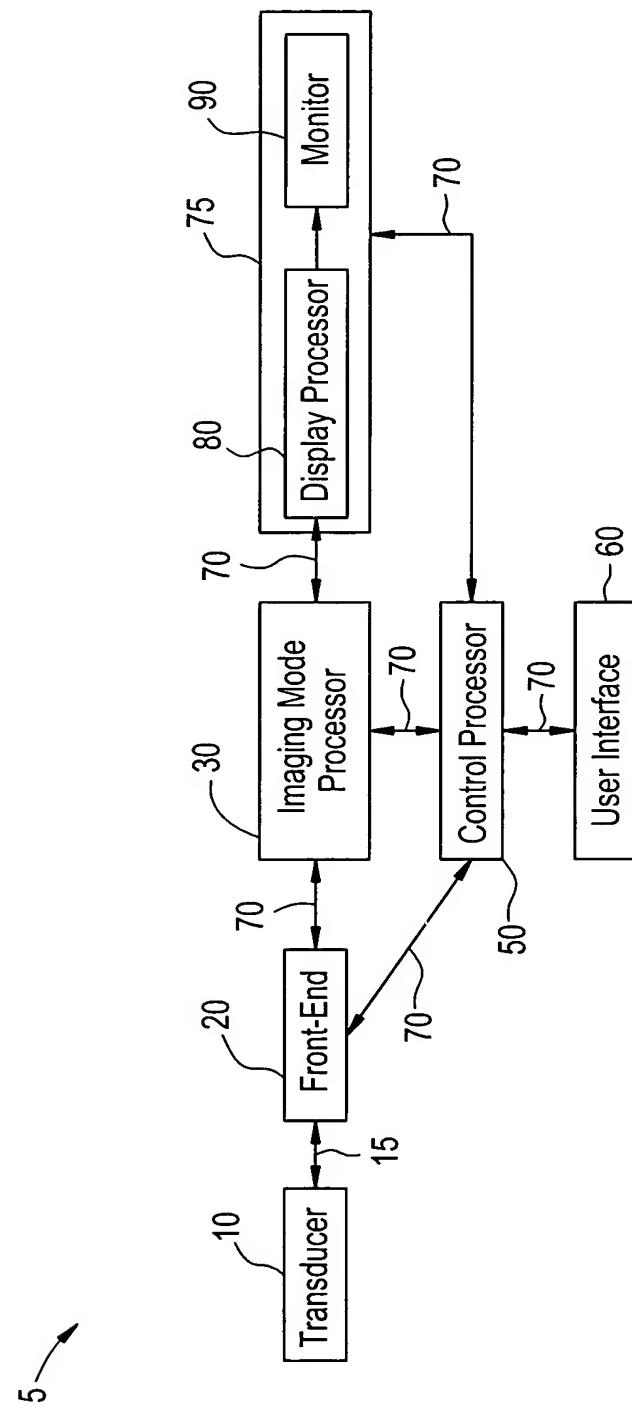
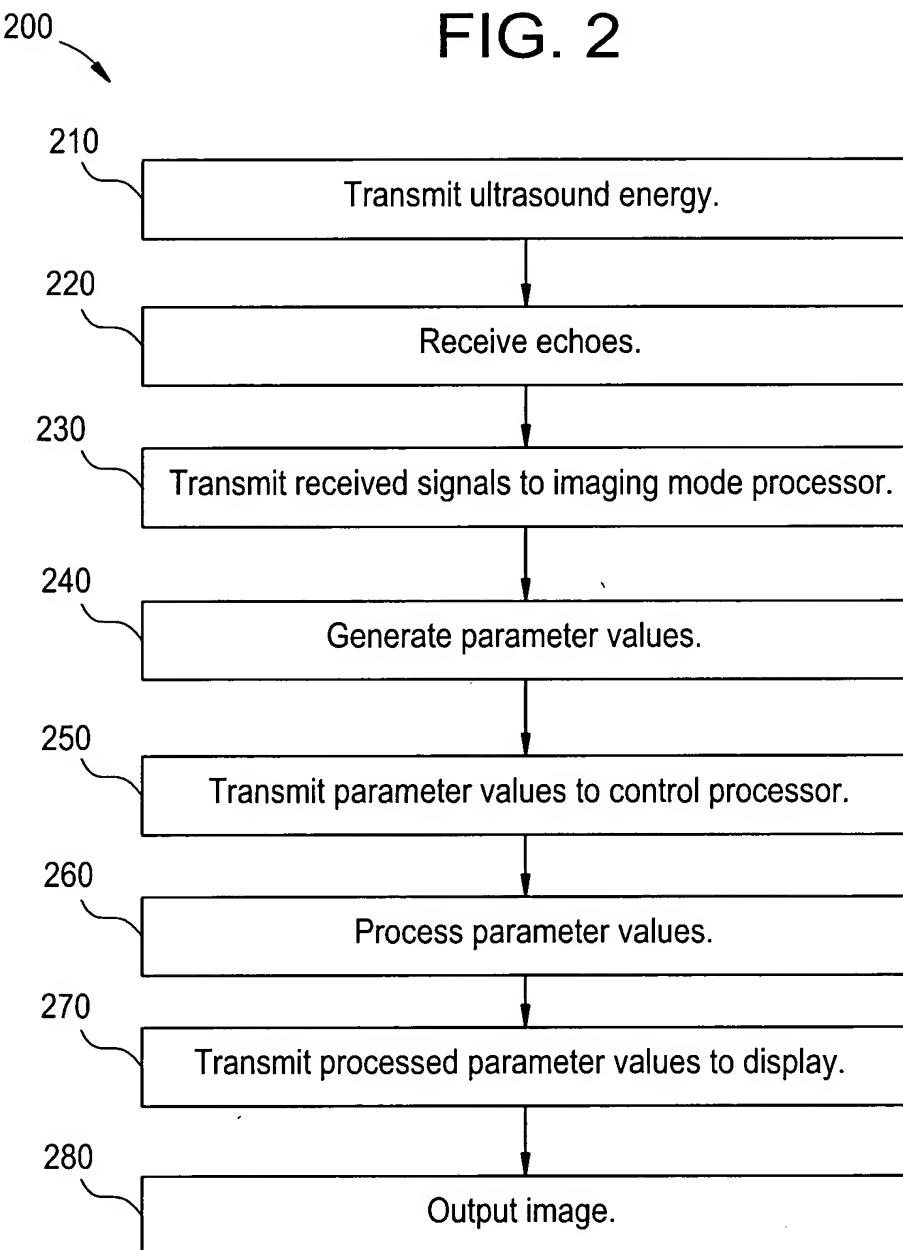


FIG. 2



## FIG. 3

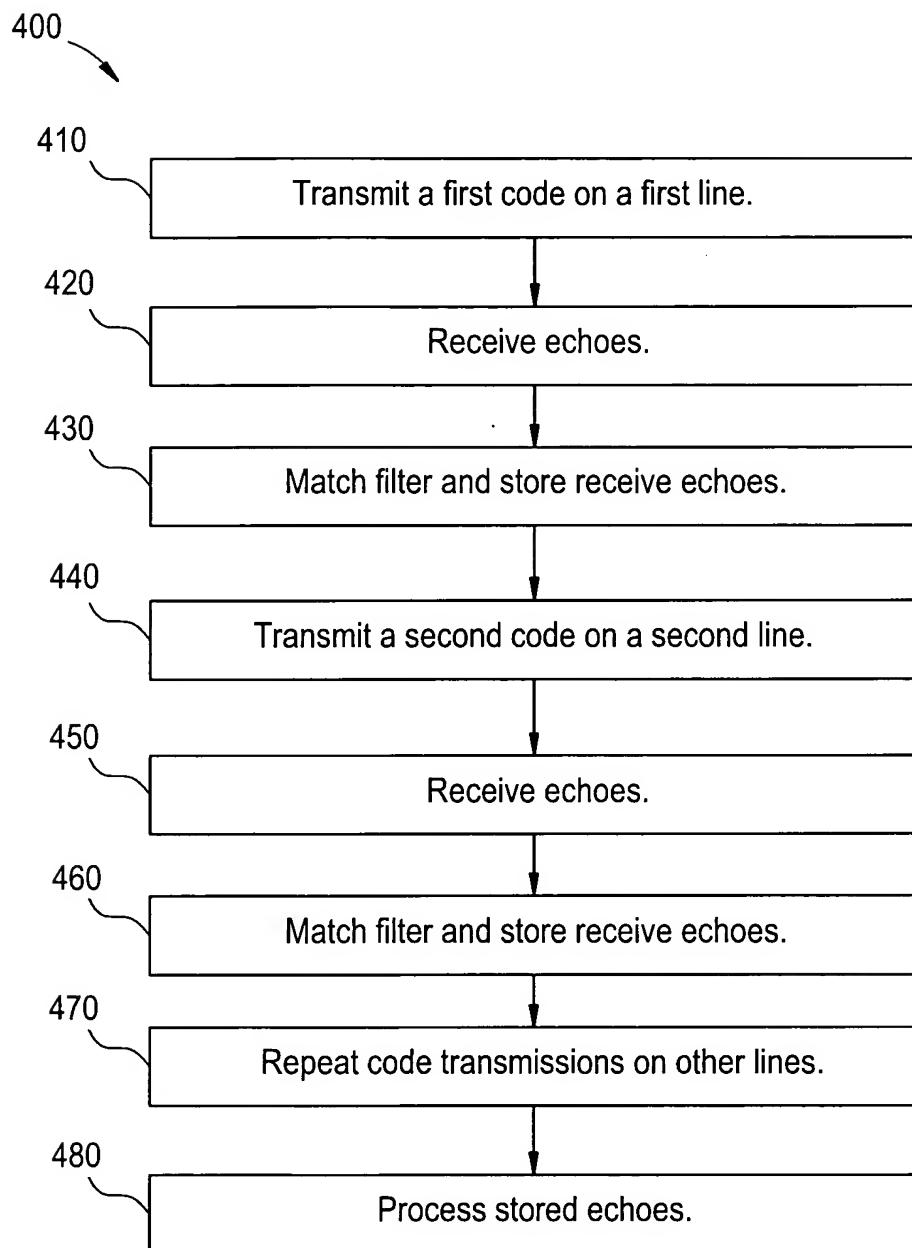
Conventional Golay Code: Frame rate loss due to Golay code's double firing  
->2 firings per line

Line	1	2	3	4	5	6	...
Code	A	A	A	A	A	A	...
	B	B	B	B	B	B	...

Solution: Alternate Codes on adjacent lines and interpolate received RF

Line	1	2	3	4	5	6	...
Code	A	B	A	B	A	B	...
RF Interp.		1'	2'	3'	4'	5'	...

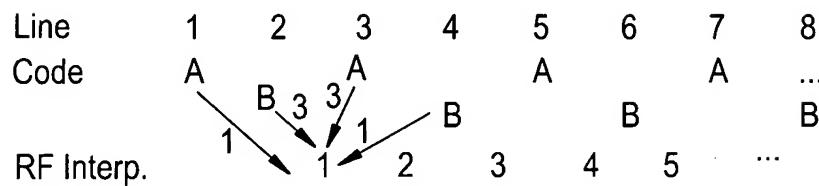
FIG. 4



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## FIG. 5

Alternate Solution: 1 3 3 1 Filter



## FIG. 6

line zone	1	2	3	4	5...
1	A	B	A	B	A
2	B	A	B	A	B
3	A	B	A	B	A
4	B	A	B	A	B
...					

## FIG. 7

MLA (2 for 1) Situation Alternative Codes on adjacent lines and Swap Right pipe of odd lines with left pipes of next even lines

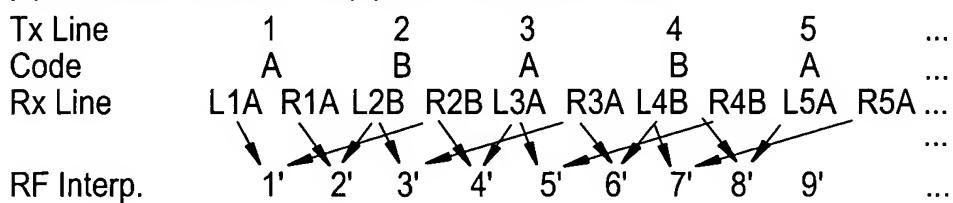


FIG. 8

